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Serial No.: 10/780,302  
Art Unit: 1724

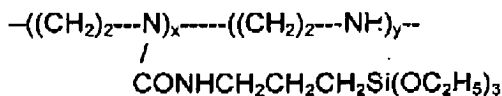
**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Complete Listing of Claims:**

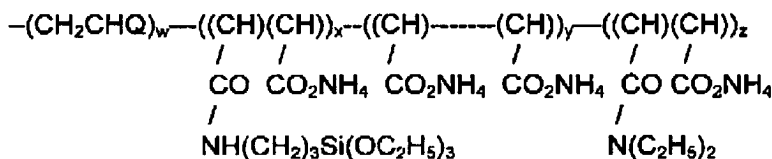
Claims 1-7 (Canceled)

8. (Previously Presented) A polymer for use in the reduction of aluminosilicate containing scale according to the formula:



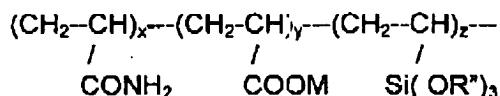
where  $x = 0.5\text{--}20\%$ ,  $y = 99.5\text{--}80\%$ .

9. (Previously Presented) A polymer for use in the reduction of aluminosilicate containing scale according to the formula:



where  $w = 1\text{--}99.9\%$ ,  $x = 0.1\text{--}50\%$ ,  $y = 0\text{--}50\%$ ,  $z = 0\text{--}50\%$ ; and  
Q is phenyl.

10. (Previously Presented) A polymer for use in the reduction of aluminosilicate containing scale according to the formula:



where:

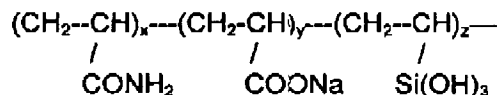
$x = 1\text{--}99\%$ ,  $y = 1\text{--}99\%$ ,  $z = 0.5\text{--}20\%$  and

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M = Na, K, NH<sub>4</sub>; and

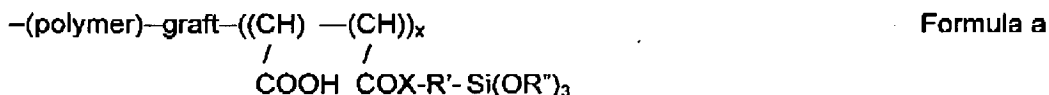
R' = H, C1-C3 alkyl, aryl, Na, K or NH<sub>4</sub>.

11. (Previously Presented) The polymer in accordance with claim 10 according to the formula:



where: x= 1-99%, y=1-99% , z=0.5-20%.

12. (Currently Amended) A polymer for use in the reduction of aluminosilicate containing scale, wherein the polymer is a water soluble graft copolymer of Formula a or Formula b:



where x = 0.1 - 99% (as percentage of monomer units in the polymer) and  
X = NH, NR' or O;  
R' = C1-C10 alkyl, or aryl and  
R'' = H, C1-C3 alkyl, aryl, Na, K or NH<sub>4</sub>.

13. (Currently Amended) ~~The polymer in accordance with claim 12 according to the formula:~~ A polymer for use in the reduction of aluminosilicate containing scale, wherein the polymer is:

